

SENDGRID INTEGRATION WITH PYTHON CODE

Team id : PNT2022TMID34246
Project name: Inventory Management system for Retailers

```
import os

from .base_interface import BaseInterface


class SendGridAPIClient(BaseInterface):

    """The Twilio SendGrid API Client.

    Use this object to interact with the v3 API. For example:

        mail_client =
        sendgrid.SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))

        ...

        mail = Mail(from_email, subject, to_email, content)

        response = mail_client.send(mail)

    For examples and detailed use instructions, see

        https://github.com/sendgrid/sendgrid-python

    """

    def __init__(

        self,

        api_key=None,

        host='https://api.sendgrid.com',

        impersonate_subuser=None):

        """

        Construct the Twilio SendGrid v3 API object.

        Note that the underlying client is being set up during initialization,
```

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therefore changing attributes in runtime will not affect HTTP client behaviour.

:param api_key: Twilio SendGrid API key to use. If not provided, value will be read from environment variable "SENDGRID_API_KEY"

:type api_key: string

:param impersonate_subuser: the subuser to impersonate. Will be passed by "On-Behalf-Of" header by underlying client. See

https://sendgrid.com/docs/User_Guide/Settings/subusers.html

for more details

:type impersonate_subuser: string

:param host: base URL for API calls

:type host: string

"""

self.api_key = api_key or os.environ.get('SENDGRID_API_KEY')

auth = 'Bearer {}'.format(self.api_key)

super(SendGridAPIClient, self).__init__(auth, host, impersonate_subuser)